

DECLARATION FOR PATENT APPLICATION

Case Docket No. 2003B001/2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"ON-LINE MEASUREMENT AND CONTROL OF POLYMER PRODUCT PROPERTIES BY RAMAN SPECTROSCOPY"

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as Application Serial No. or PCT International Application No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

| | | | | |
|-------------------|--------------------|---------------------------------|---------------------------------|--------------------------------|
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below.

| | |
|---|---|
| <u>60/438,132</u> (Application Number) | <u>January 6, 2003</u> (Filing Date) |
| _____ (Application Number) | _____ (Filing Date) |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | | |
|-----------------------------------|------------------------|--|
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status - patented, pending, abandoned) |
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status - patented, pending, abandoned) |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| NAMES | REGISTRATION NUMBERS | NAMES | REGISTRATION NUMBERS |
|---------------------|-------------------------|-------------------|-------------------------|
| Leandro Arechederra | 52,457 | Louis N. Moreno | 44,953 |
| Catherine L. Bell | 35,444 | Tom F. Pruitt | 30,317 |
| Keith A. Bell | 30,023 | Frank E. Reid | 37,918 |
| C. Milton Fick | 33,383 | Dennis P. Santini | 26,029 |
| Andrew B. Griffis | 36,336 | C. Paige Schmidt | 38,556 |
| Rick F. James | 48,772 | Jaimes Sher | 34,726 |
| Linda A. Kubena | 42,772 | Edward F. Sherer | 29,588 |
| Bradley A. Keller | 37,654 | Darryl M. Tyus | 40,853 |
| Mandi B. Milbank | 50,853 | Maria C. Walsh | 37,958 |
| Paul T. LaVoie | 38,681 | Phillip G. Woo | 45,234 |
| Lucinda Lomas | 51,964 | | |

SEND CORRESPONDENCE TO:

ExxonMobil Chemical Company
Law Technology
P.O. Box 2149
Baytown, Texas 77522-2149

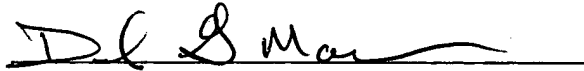
DIRECT TELEPHONE CALLS TO:

Andrew B. Griffis
(281) 834-1886
Facsimile No. (281) 834-2495

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | | |
|----------------------------|--|--|----------------------------------|--|
| FULL NAME OF INVENTOR | LAST NAME MARROW | FIRST NAME DAVID | MIDDLE NAME GEOFFREY | |
| RESIDENCE & CITIZENSHIP | CITY TAYLOR LAKE VILLAGE | STATE OR FOREIGN COUNTRY TEXAS | | COUNTRY OF CITIZENSHIP UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS 1015 WILLOWVALE DR | CITY TAYLOR LAKE VILLAGE | STATE OR COUNTRY TEXAS | ZIP CODE 77586 |

Inventor's signature



Date

December 8, 2003

| | | | | |
|----------------------------|---|--|--------------------------------------|--|
| FULL NAME OF INVENTOR | LAST NAME COCHRAN | FIRST NAME ANDREW | MIDDLE NAME M. | |
| RESIDENCE & CITIZENSHIP | CITY FARMERSVILLE | STATE OR FOREIGN COUNTRY LOUISIANA | | COUNTRY OF CITIZENSHIP UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS 1217 SCOTTS HIDEAWAY ROAD | CITY FARMERSVILLE | STATE OR COUNTRY LOUISIANA | ZIP CODE 71241 |

Inventor's signature

Date

| | | | | |
|----------------------------|--|--|--------------------------------------|--|
| FULL NAME OF INVENTOR | LAST NAME ROGER | FIRST NAME SCOTT | MIDDLE NAME THOMAS | |
| RESIDENCE & CITIZENSHIP | CITY BATON ROUGE | STATE OR FOREIGN COUNTRY LOUISIANA | | COUNTRY OF CITIZENSHIP UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS 3660 WESTERVELT AVE. | CITY BATON ROUGE | STATE OR COUNTRY LOUISIANA | ZIP CODE 70820 |

Inventor's signature

Date

DECLARATION FOR PATENT APPLICATION

Case Docket No. 2003B001/2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"ON-LINE MEASUREMENT AND CONTROL OF POLYMER PRODUCT PROPERTIES BY RAMAN SPECTROSCOPY"

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as Application Serial No. or PCT International Application No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)Priority Claimed

| | | | | |
|-------------------|--------------------|---------------------------------|---------------------------------|--------------------------------|
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below.

| | |
|---|---|
| <u>60/438,132</u> (Application Number) | <u>January 6, 2003</u> (Filing Date) |
| _____ (Application Number) | _____ (Filing Date) |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | | |
|-----------------------------------|------------------------|--|
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status - patented, pending, abandoned) |
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status - patented, pending, abandoned) |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| NAMES | REGISTRATION NUMBERS | NAMES | REGISTRATION NUMBERS |
|---------------------|----------------------|-------------------|----------------------|
| Leandro Arechederra | 52,457 | Louis N. Moreno | 44,953 |
| Catherine L. Bell | 35,444 | Tom F. Pruitt | 30,317 |
| Keith A. Bell | 30,023 | Frank E. Reid | 37,918 |
| C. Milton Fick | 33,383 | Dennis P. Santini | 26,029 |
| Andrew B. Griffiths | 36,336 | C. Paige Schmidt | 38,556 |
| Rick F. James | 48,772 | Jaimes Sher | 34,726 |
| Linda A. Kubena | 42,772 | Edward F. Sherer | 29,588 |
| Bradley A. Keller | 37,654 | Darryl M. Tyus | 40,853 |
| Mandi B. Milbank | 50,853 | Maria C. Walsh | 37,958 |
| Paul T. LaVoie | 38,681 | Phillip G. Woo | 45,234 |
| Lucinda Lomas | 51,964 | | |

Case Docket No. 2003B001/2

| | |
|---|--|
| SEND CORRESPONDENCE TO: ExxonMobil Chemical Company Law Technology P.O. Box 2149 Baytown, Texas 77522-2149 | DIRECT TELEPHONE CALLS TO: Andrew B. Griffis (281) 834-1886 Facsimile No. (281) 834-2495 |
|---|--|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|-------------------------|---------------------|--------------------------|------------------------|
| FULL NAME OF INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
| | MARROW | DAVID | GEOFFREY |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | TAYLOR LAKE VILLAGE | TEXAS | UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE OR COUNTRY |
| | 1015 WILLOWVALE DR | TAYLOR LAKE VILLAGE | TEXAS |
| | | | ZIP CODE |
| | | | 77586 |

Inventor's signature _____

Date _____

| | | | |
|-------------------------|----------------------------|--------------------------|------------------------|
| FULL NAME OF INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
| | COCHRAN | ANDREW | M. |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | FARMERSVILLE | LOUISIANA | UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE OR COUNTRY |
| | 1217 SCOTT'S HIDEAWAY ROAD | FARMERSVILLE | LOUISIANA |
| | | | ZIP CODE |
| | | | 71241 |

Inventor's signature _____

Date 12/3/03

| | | | |
|-------------------------|----------------------|--------------------------|------------------------|
| FULL NAME OF INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
| | ROGER | SCOTT | THOMAS |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | BATON ROUGE | LOUISIANA | UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE OR COUNTRY |
| | 3660 WESTERVELT AVE. | BATON ROUGE | LOUISIANA |
| | | | ZIP CODE |
| | | | 70820 |

Inventor's signature _____

Date _____

DECLARATION FOR PATENT APPLICATION

Case Docket No. 2003B001/2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and solo inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"ON-LINE MEASUREMENT AND CONTROL OF POLYMER PRODUCT PROPERTIES BY RAMAN SPECTROSCOPY"

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as Application Serial No. or PCT International Application No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)Priority Claimed

| | | | | |
|-------------------|--------------------|---------------------------------|---------------------------------|--------------------------------|
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below.

| | |
|---|---|
| <u>60/438,132</u> (Application Number) | <u>January 6, 2003</u> (Filing Date) |
| _____ (Application Number) | _____ (Filing Date) |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | | |
|-----------------------------------|------------------------|--|
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status - patented, pending, abandoned) |
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status - patented, pending, abandoned) |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| NAMES | REGISTRATION NUMBERS | NAMES | REGISTRATION NUMBERS |
|---------------------|----------------------|-------------------|----------------------|
| Leandro Arechederra | 52,457 | Louis N. Moreno | 44,953 |
| Catherine L. Bell | 35,444 | Tom F. Pruitt | 30,317 |
| Keith A. Bell | 30,023 | Frank E. Reid | 37,918 |
| C. Milton Pick | 33,383 | Dennis P. Santini | 26,029 |
| Andrew B. Griffin | 36,336 | C. Paige Schmidt | 38,556 |
| Rick F. James | 48,772 | Jaimes Sher | 34,726 |
| Linda A. Kubena | 42,772 | Edward F. Sherer | 29,588 |
| Bradley A. Keller | 37,654 | Darryl M. Tyus | 40,853 |
| Mandi B. Milbank | 50,853 | Maria C. Walsh | 37,958 |
| Paul T. LaVoie | 38,681 | Phillip G. Woo | 45,234 |
| Luovina Lomas | 51,964 | | |

Case Docket No. 2003B001/2

SEND CORRESPONDENCE TO:

ExxonMobil Chemical Company
Law Technology
P.O. Box 2149
Baytown, Texas 77522-2149

DIRECT TELEPHONE CALLS TO:

Andrew B. Griffis
(281) 834-1886
Facsimile No. (281) 834-2495

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application, or any patent issued thereon.

| | | | |
|----------------------------|---|-----------------------------------|---|
| FULL NAME OF INVENTOR | LAST NAME MARROW | FIRST NAME DAVID | MIDDLE NAME GEOFFREY |
| RESIDENCE & CITIZENSHIP | CITY TAYLOR LAKE VILLAGE | STATE OR FOREIGN COUNTRY TEXAS | COUNTRY OF CITIZENSHIP UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS 1015 WILLOWVALE DR | CITY TAYLOR LAKE VILLAGE | STATE OR COUNTRY TEXAS |
| | | | ZIP CODE 77586 |

Inventor's signature _____

Date _____

| | | | |
|----------------------------|--|---------------------------------------|---|
| FULL NAME OF INVENTOR | LAST NAME COCHRAN | FIRST NAME ANDREW | MIDDLE NAME M. |
| RESIDENCE & CITIZENSHIP | CITY FARMERSVILLE | STATE OR FOREIGN COUNTRY LOUISIANA | COUNTRY OF CITIZENSHIP UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS 1217 SCOTTS HIDEAWAY ROAD | CITY FARMERSVILLE | STATE OR COUNTRY LOUISIANA |
| | | | ZIP CODE 71241 |

Inventor's signature _____

Date _____

| | | | |
|----------------------------|---|---------------------------------------|---|
| FULL NAME OF INVENTOR | LAST NAME ROGER | FIRST NAME SCOTT | MIDDLE NAME THOMAS |
| RESIDENCE & CITIZENSHIP | CITY BATON ROUGE | STATE OR FOREIGN COUNTRY LOUISIANA | COUNTRY OF CITIZENSHIP UNITED STATES |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS 3660 WESTERVELT AVE. | CITY BATON ROUGE | STATE OR COUNTRY LOUISIANA |
| | | | ZIP CODE 70820 |

Inventor's signature S. S. Thomas RogerDate 12-8-03